

## WHAT IS CLAIMED IS:

- 1        1.        A depth cue method comprising the steps of:  
2                scanning a depth map corresponding to an image, in response to user input; and  
3                outputting a nonvisual cue corresponding to a depth value in said depth map, for  
4                each pixel scanned.
- 1        2.        The method of claim 1 wherein said nonvisual cue is selected from the group  
2                consisting of auditory cues and tactile cues.
- 1        3.        The method of claim 1 wherein said depth map is received in response to a web  
2                page containing said image.
- 1        4.        The method of claim 3 further comprising the step of, if no depth map is received  
2                in response to said web page containing said image, generating said depth map.
- 1        5.        The method of claim 4 wherein said step of generating said depth map comprises:  
2                performing a depth analysis of a set of images associated with said image, said  
3                set of images operable for extracting depth information therefrom.; and  
4                assigning a depth value corresponding to said depth information for each pixel  
5                corresponding to said image.
- 1        6.        The method of claim 5 wherein said set of images associated with said image is

1 selected from the group consisting of a stereographic pair including said image and a  
2 plurality of images operable for displaying motion.

1 7. The method of claim 5 wherein said step of generating said depth map further  
2 comprises the steps of:

3 setting each depth value in a data structure to form said depth map; and

4 outputting said data structure.

1 8. A computer program product embodied in a tangible storage medium, the  
2 program product for accessing graphical data, the program product including a program  
3 of instructions for performing the steps of:

4 scanning a depth map corresponding to an image, in response to user input; and  
5 outputting a nonvisual cue corresponding to a depth value in said depth map, for  
6 each pixel scanned.

1 9. The program product of claim 8 wherein said nonvisual cue is selected from the  
2 group consisting of auditory cues and tactile cues.

1 10. The program product of claim 8 wherein said depth map is received in response  
2 to a web page containing said image.

1 11. The program product of claim 10 further comprising programming for performing  
2 the step of, if no depth map is received in response to said web page containing said  
3 image, generating said depth map.

1 12. The method of claim 11 wherein said programming for performing step of  
2 generating said depth map comprises programming for performing the steps of:

3 performing a depth analysis of a set of images associated with said image, said  
4 set of images operable for extracting depth information therefrom.; and

5 assigning a depth value corresponding to said depth information for each pixel  
6 corresponding to said image.

1        13.    The program product of claim 12 wherein said set of images associated with said  
2        image is selected from the group consisting of a stereographic pair including said image  
3        and a plurality of images operable for displaying motion.

1        14.    The program product of claim 12 wherein said programming for performing step  
2        of generating said depth map further comprises programming for performing the steps  
3        of:

4                setting each depth value in a data structure to form said depth map; and  
5                outputting said data structure.

1 15. A data processing system comprising:  
2 circuitry operable for scanning a depth map corresponding to an image, in  
3 response to user input; and  
4 outputting a nonvisual cue corresponding to a depth value in said depth map, for  
5 each pixel scanned.

1 16. The system of claim 15 wherein said nonvisual cue is selected from the group  
2 consisting of auditory cues and tactile cues.

1 17. The system of claim 15 wherein said depth map is received in response to a web  
2 page containing said image.

1 18. The system of claim 17 further comprising circuitry operable for, if no depth map  
2 is received in response to said web page containing said image, generating said depth  
3 map.

1 19. The system of claim 18 wherein said circuitry operable for generating said depth  
2 map comprises:

3 circuitry operable for performing a depth analysis of a set of images associated  
4 with said image, said set of images operable for extracting depth information therefrom.;  
5 and

6 circuitry operable for assigning a depth value corresponding to said depth  
7 information for each pixel corresponding to said image.

1        20.    The system of claim 19 wherein said set of images associated with said image is  
2        selected from the group consisting of a stereographic pair including said image and a  
3        plurality of images operable for displaying motion.

1        21.    The system of claim 17 wherein said circuitry operable for generating said depth  
2        map further comprises:

3                circuitry operable for setting each depth value in a data structure to form said  
4        depth map; and

5                circuitry operable for outputting said data structure.